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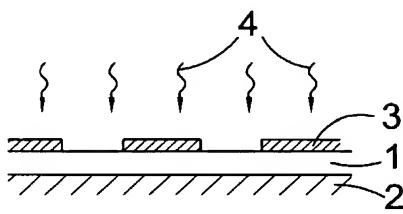
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(54) Title: PATTERNING METHODS AND PRODUCTS



(57) Abstract: The present invention provides a process for producing a surface-modified layer system comprising a substrate (2) and a self-assembled monolayer (SAM) (1) anchored to its surface. The SAM (1) is comprised by aryl or rigid alicyclic moiety species. The process comprises providing a polymorphic SAM (1) anchored to the substrate (2), and thermally treating (4) the SAM to change from a first to a second structural form thereof. The invention also provides a thermolithographic form of process in which the thermal treatment (4) is used to transfer a pattern (3) to the SAM (1), which is then developed.

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